

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: Approve Funding for Emergency
Repair Attic Dry Pipe Sprinkler
System Project – Hampton Oaks
Elementary School

ITEM NO.: 9B

PREPARED BY: Brent A. Thomas
Senior Project Manager

MEETING: May 25, 2004
ACTION DATE: May 25, 2004

Scott Horan, Exec Dir
Planning & Construction

Andre A. Nougaret, *AN*
Assistant Superintendent
For Support Services

ACTION REQUESTED BY THE SUPERINTENDENT: That the Board approve and fund \$175K for the Emergency Repair Attic Dry Pipe Sprinkler System Project at Hampton Oaks Elementary School (HOES). Funding for this project is available from the School Construction Reserve Fund Account.

KEY POINTS:

1. The existing HOES attic dry pipe sprinkler system contains workmanship deficiencies and marginal construction materials that have consistently contributed to residual water in the pipes. Such residual water freezes during cold weather which leads to pipe ruptures. Additionally, residual water has an extreme corrosive effect, which also leads to pipe ruptures. In both instances ruptured pipes caused significant facility damage and a disruption to school operations.
2. Stafford County Public Schools has incurred approximately \$55.3K in repair/replacement cost over the last 10 years responding to numerous attic dry pipe sprinkler system ruptures at HOES. Most recent rupture caused school to be closed on January 12-13, 2004.
3. During recent repair efforts, our repair contractor, United Sprinkler Co., Inc. discovered several pieces of pipe that were nearly two thirds full of corrosion and sediment (see samples provided). Leading us to conclude that replacement is warranted.
4. Project design will be completed by May 31, 2004.
5. Project is not in the SCPS 2005-2010 Capital Improvement Program (CIP).
6. The requested funding in the amount of \$175K is based on a construction cost estimate from our Architect/Engineer mechanical consulting firm (Whitescarver, Hurd and Obenchain).

**SCHOOL BOARD GOAL: #5 – Provide facilities that promote student learning and
and community support.**

**#7 – Provide school environments where teachers are
safe to teach and students are safe to learn**

FUNDING SOURCE: School Construction Fund Reserve Account

**AUTHORIZATION REFERENCE: Stafford County School Board Policy 4-12
Stafford County School Board Policy 4-29**